

WHAT IS CLAIMED IS:

1. A seat track for vehicles, comprising:

a fixed rail having a horizontal bottom fixed piece, a  
5 pair of first and second grooves formed by bending both side  
portions of the fixed piece at a right angle and rounding a  
center portion of each of the resulting vertical bent portions  
to have an outwardly convex semi-circular form for allowing  
balls to be inserted therein, a first end piece formed by  
10 downwardly bending a vertical end portion of the second groove  
by an acute angle, a vertical piece extending upwardly from an  
upper end of the first groove by a relatively long length, and  
a second end piece formed by twice bending an upper end portion  
of the vertical piece at a right angle;

15 a movable rail having a seat mounting portion, which has  
a width slightly narrower than that of the fixed piece of the  
fixed rail and is coupled at an upper surface thereof to a  
seat, a pair of first and second vertical walls formed by  
downwardly bending both side portions of the seat mounting  
20 portion at a right angle, first and second grooves formed by  
bending an end portion of each of the vertical walls so as to  
form a U-shaped portion and rounding the resulting bent portion  
to have an inwardly convex semi-circular form for allowing the  
balls to be inserted therein at the same position as the first  
25 grooves of the fixed rail, and a vertical piece extending

upwardly from an upper end of the first groove; and

the balls inserted in spaces defined between the grooves of the fixed rail and movable rail, the balls serving to enable the movable rail to move inside the fixed rail while coming  
5 into point contact with the fixed rail.

2. The track as set forth in claim 1, wherein the second end piece of the fixed rail includes a plurality of locking pin fitting holes for allowing locking pins of a pin type locking  
10 device to laterally penetrate therethrough, the locking pin fitting holes being spaced apart from one another at constant distances.

3. The track as set forth in claim 1, wherein: the second  
15 wall of the movable rail is formed with four locking pin fitting holes for allowing locking pins of a pin type locking device to laterally penetrate therethrough, and two locking device fixing holes located, respectively, at both sides of the fitting holes for fixing the locking device;

20 the first wall of the movable rail is formed with four locking pin fitting holes at the same positions as the locking pin fitting holes of the second wall; and

the vertical piece of the movable rail is formed with four locking pin fitting holes at the same positions as the  
25 locking pin fitting holes of the first and second walls for

penetration of the locking pins.